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20X Objective, CFI Plan Apo Lambda

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General

Model Number:
MRD00205

Compatible Tube Lens Focal Length (mm):
Focal Length: 200mm

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:

Nikon

Physical & Mechanical Properties

Field of View (mm):
1.25

Length excluding Threads (mm):
55.15

Maximum Diameter (mm):
32.5

Weight (g):
181

Optical Properties

Compatible Cover Glass Thickness (mm):
0.17

Horizontal Field of View, 1/2" Sensor:
0.32

Horizontal Field of View, 2/3" Sensor:
0.44

Magnification:
20X

Numerical Aperture NA:
0.75

Working Distance (mm):
1

Field Number (mm):
25

Parfocal Length (mm):
60.06

Immersion Liquid:
N/A

Sensor

Maximum Sensor Format:
2/3"

Threading & Mounting

Mounting Threads:
M25 x 0.75

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
Japan

Imported By:
Edmund Optics India Private Limited

Product Details

- Optimized Image Softness for Natural Contrast
- Chromatic Aberration Correction
- Ideal for Bioscience Research

Nikon CFI Plan Apochromatic Lambda Objectives are engineered with controlled internal reflections that soften images, enhancing tonal smoothness and reducing harsh micro-contrast. These objectives transmit from UV to NIR to deliver clear, high-contrast images, especially for multi-color fluorescence live cell imaging featuring dyes with longer wavelengths that are less phototoxic to living specimens. The advanced apochromatic design provides industry-leading chromatic aberration correction, allowing for accurate color reproduction and sharp detail across the visible spectrum. Nikon CFI Plan Apochromatic Lambda Objectives visualize minute structures and dynamic processes in living cells and organisms, making them ideal for bioscience research.

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